CW#112: Piece-wise Functions Review   
Geometry

Monday April 25th, 2016

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1. What is a function? | |
| 2. The domain of this function is Explain.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.51.25%20PM.pn | 3. The range of this function is . Explain.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.51.25%20PM.pn |
| 4. What is the domain of this function?  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn | 5. What is the range of this function?  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn |
| 6. What is the domain of this function?  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn | 7. What is the range of this function?  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn |
| 8.     |  |  | | --- | --- | | x | *h*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  |     Domain:  Range: | |
| 9.     |  |  | | --- | --- | | x | *g*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  |     Domain:  Range: | |
| 10. How did you determine the domain and range for each function? | |
| 11. How can you determine if you should use arrow? | |
| 12.   |  |  | | --- | --- | | x | *f*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | |
| 13.   |  |  | | --- | --- | | x | *s*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | |

HW#112: Piece-wise Functions Review   
Geometry

Due: Tuesday April 26th, 2016

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Failure to show all work will result in a LaSalle.

|  |  |  |
| --- | --- | --- |
| 1. When do you use an open circle? | 2. When do you use a closed circle? | |
| 3. Which function do you plug -2 into? Explain. | 4. Why do you plug -1 into both functions? Explain. | |
| 5. Identify the domain of the function below.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn | 6. Identify the range of the function below.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.40%20PM.pn | |
| 7. Identify the domain of the function below.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.45%20PM.pn | 8. Identify the range of the function below.  ../../../../Desktop/Screen%20Shot%202016-04-10%20at%208.58.45%20PM.pn | |
| 9.   |  |  | | --- | --- | | x | *f*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | |
| 10.   |  |  | | --- | --- | | x | *s*(x) | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | |